

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
690 Walnut Ave.St. 150
Vallejo, CA 94592-1133
(707) 649-5453
(707) 649-5493

Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:**Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-009812**Date Inspected:** 13-Oct-2009**Project Name:** SAS Superstructure**OSM Arrival Time:** 1845**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 645**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China**CWI Name:** Lv Li Qng**CWI Present:** Yes No**Inspected CWI report:** Yes No N/A**Rod Oven in Use:** Yes No N/A**Electrode to specification:** Yes No N/A**Weld Procedures Followed:** Yes No N/A**Qualified Welders:** Yes No N/A**Verified Joint Fit-up:** Yes No N/A**Approved Drawings:** Yes No N/A**Approved WPS:** Yes No N/A**Delayed / Cancelled:** Yes No N/A**Bridge No:** 34-0006**Component:** OBG and Tower**Summary of Items Observed:**

On this date Caltrans OSM Quality Assurance (QA) Inspector, Larry Viars was present during the times noted above for observations relative to the work being performed.

Bay 14-

This QA Inspector observed the following work in progress: Shielded Metal Arc Welding (SMAW) of OBG Deck panel DP427A to DP454A weld, SEG066-006. ZPMC welder was identified as 049861. ZPMC QC was identified as Lv Li Qing . The welding appeared to be in conformance with welding procedure specification, WPS-B-P-2111.

Flux Cored Arc Welding (FCAW) of OBG segment 9CE lifting Lug weld SSD20A-PP77-247. ZPMC welder was identified as 044774 . ZPMC QC was identified as Lv Li Qing. The welding appeared to be in conformance with welding procedure specification, WPS-B-T-2232-TC-U5-F.

Flux Cored Arc Welding (FCAW) of OBG segment 9CE lifting Lug weld SSD16A-PP80-247. ZPMC welder was identified as 044779 . ZPMC QC was identified as Lv Li Qing. The welding appeared to be in conformance with welding procedure specification, WPS-B-P-2214-TC-U5-FCM.

Bay 10-

This QA Inspector observed the following work in progress: Shielded Metal Arc Welding (SMAW) of North Tower Lift 3 diagonal stiffener plate weld, NSTL3-3 B/K-79. ZPMC welder was identified as 052930. ZPMC QC

WELDING INSPECTION REPORT

(Continued Page 2 of 2)

was identified as Liu Zhong An . The welding appeared to be in conformance with welding procedure specification, WPS-345-SMAW-2G (2F)-Repair.

Unless otherwise noted, all work observed on this date appeared to generally comply with applicable contract documents.

Summary of Conversations:

Only general conversation occurred between QC and QA this date.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Eric Tsang, 150 0042 2372, who represents the Office of Structural Materials for your project.

Inspected By:	Viars,Larry	Quality Assurance Inspector
Reviewed By:	Dawson,Paul	QA Reviewer
